

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently amended) A position location system, comprising:
non-DTV broadcast signals transmitted with synchronization from known transmitter locations, said broadcast signals each including a synchronization signal locked to a common time; and
an apparatus for receiving said broadcast signals and calculating the location of said apparatus using time differences detected amongst respective ones of said received synchronization signals. ~~RF receiver for receiving said synchronization; and~~
~~means for calculating the location of said RF receiver using time differences provided by said synchronization.~~
2. (Currently amended) The system of Claim 1, wherein said broadcast signals are ~~present-day~~ analog signals with digital sub-carrier signals.
3. (Original) The system of Claim 1, wherein said broadcast signals are digital signals.
4. (Original) The system of Claim 3, wherein said digital signals are re-transmissions of satellite radio signals.
5. (Currently amended) The system of Claim 1, wherein said apparatus ~~RF receiver~~ is ~~incorporated in~~ a cellular transceiver.

6. (Original) The system of Claim 5, wherein said cellular transceiver is a personal communicator.

7. (Currently amended) The system of Claim 1, wherein said ~~RF receiver~~ apparatus receives ~~at least three~~ broadcast signals from at least three transmitter locations.

8. (Canceled).

9. (Original) The system of Claim 1, wherein correction of non-time locked broadcast signals is provided by a local monitoring unit "LMU".

10. (Currently amended) A position location system, comprising:
broadcast signals with common synchronization from at least one satellite and rebroadcast from three or more known terrestrial re-transmitter locations; and
an apparatus ~~RF receiver~~ for receiving said ~~synchronization~~ rebroadcast signals and calculating the location of said apparatus using time differences detected in synchronization between respective ones of said received rebroadcast signals. ; and
~~means for calculating the location of said RF receiver using timing provided by said synchronization.~~

11. (Currently amended) A method for locating an electronic device, comprising the steps of:
receiving non-DTV broadcast signals transmitted from known transmitter locations, said broadcast signals each having a synchronization signal locked to a common time when transmitted; and
calculating the location of said ~~RF receiver~~ electronic device using time differences detected amongst respective ones of ~~provided by~~ said synchronization signals in said received broadcast signals.

12. (Currently amended) The method of Claim 11, wherein said broadcast signals are ~~present-day~~ analog signals with digital sub-carrier signals.

13. (Original) The method of Claim 11, wherein said broadcast signals are digital signals.

14. (Original) The method of Claim 13, wherein said digital signals are re-transmissions of satellite radio signals.

15. (Currently amended) The method of Claim 11, wherein said receiving non-DTV broadcast signals is enabled by an RF receiver is incorporated in a cellular transeeiver in said electronic device.

16. (Currently amended) The method of Claim 11, wherein said ~~cellular transeeiver~~ electronic device is a cellular handset.

17. (Currently amended) The method of Claim 11, wherein said ~~RF receiver~~ electronic device receives ~~at least three~~ broadcast signals from at least three transmitter locations.

18. (Canceled).

19. (Original) The method of Claim 11, wherein correction of non-time locked broadcast signals is provided by a local monitoring unit "LMU".

20. (Currently amended) A method for locating an electronic device, comprising the steps of:

receiving broadcast signals from three or more terrestrial transmitter locations, each of said broadcast signals being a retransmission with common synchronization of a

signal previously transmitted by a satellite; re-broadcast signals, said re-broadcast signals having a synchronization signal; and

calculating the location of said RF receiver electronic device using time differences detected in provided by said synchronization between respective ones of said received broadcast signals. and known locations of the transmitter of said re-broadcast signals.

21. (Currently amended) An electronic apparatus enabled to receive non-DTV broadcast signals transmitted from known transmitter locations in which said broadcast signals each include a synchronization signal locked to a common time at time of transmission and further enabled to calculate the location of said apparatus using time differences detected amongst respective ones of said synchronization signals in said received broadcast signals. , comprising:

an RF receiver for receiving synchronization from non-DTV broadcast signals transmitted from known locations and calculating the location of said RF receiver using time differences provided by said synchronization.

22. (Currently amended) The apparatus of Claim 21, wherein said ~~receiver~~ apparatus is ~~incorporated into~~ a cellular transceiver.

23. (Original) The apparatus of Claim 22, wherein said known locations are provided by a lookup table in communication with said transceiver.

24. (Original) The apparatus of Claim 23, wherein said lookup table is in a server responsive to the transceiver.

25. (Original) The apparatus of Claim 23, wherein said lookup table is in said apparatus.

26. (New) An electronic apparatus enabled to receive broadcast signals from three or more terrestrial transmitter locations, each of said broadcast signals being a retransmission with common synchronization of a signal previously transmitted by a satellite, and further enabled to calculate the location of said apparatus using time differences detected in synchronization between respective ones of said received broadcast signals.

27. (New) A position location system, comprising:
at least three transmitters in which the location of each of the transmitters is known;
non-DTV broadcast signals transmitted from said known transmitter locations, said broadcast signals each including a synchronization signal locked to a common time;
and
an apparatus for receiving said broadcast signals and calculating the location of said apparatus using time differences detected amongst respective ones of said received synchronization signals.

28. (New) A position location system, comprising:
at least three transmitters for rebroadcasting a broadcast signal from a satellite in which the location of each of the transmitters is known, said rebroadcast signal transmitted from any one of said three transmitters being commonly synchronized with the rebroadcast signals transmitted from the other transmitters; and
an apparatus for receiving said rebroadcast signals and calculating the location of said apparatus using time differences detected in synchronization between respective ones of said received rebroadcast signals.